

Converting Colors

CIELCh(73, 12.642, 54.125)

Have a look what the booklet for
CIELCh(73, 12.642, 54.125) contains.

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Color

CIELCh(73, 12.483, 54.168)

Conversions

Conversions Part 1

Format	Color
Hex	C8AEA1
RGB	200, 174, 161
RGB Percent	78%, 68%, 63%
CMY	0.2154, 0.3174, 0.3683
CMYK	0.00, 0.13, 0.19, 0.22
HSL	20°, 26%, 71%
HSV	20°, 19%, 78%
XYZ	45.4276, 45.1644, 40.0739
YIQ	180.2920, 19.6690, 1.4690

Conversions

Conversions Part 2

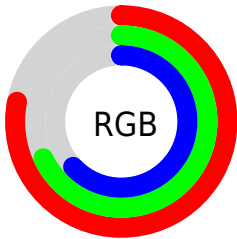
Format	Color
R_{YB}	200, 181, 161
Decimal	13151905
CIE _{Lab}	73.00, 7.31, 10.12
CIE _{LCh}	73, 12.483, 54.168
Yxy	45.1644, 0.3477, 0.3456
Android (android.graphics.Color)	4291341985 (0xFFC8AEA1)
YUV	180.2920, -9.5110, 17.2839
Hunter-Lab	67.2044, 3.0513, 11.6886

Details

The CIELCh color $73, 12.483, 54.168$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 11.261, 237.691$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 11.754, 54.449$, and $53, 12.780, 55.859$ is the 20% darker color. If you saturate the color by 10%, you get $69, 19.594, 53.503$, and if you desaturate by 10%, it is $77, 5.864, 54.883$.

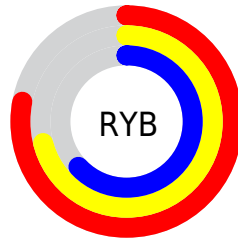
Distribution



Red (78%)

Green (68%)

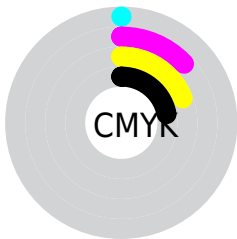
Blue (63%)



Red (78%)

Yellow (71%)

Blue (63%)

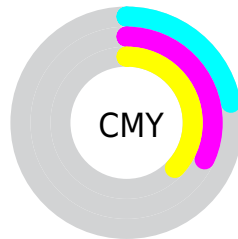


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 12.483, 54.168 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 73, 12.483, 54.168 by changing the saturation by 10% instead.

 73, 12.483, 54.168

 73, 12.483, 54.168

 100, 12.483,
54.168

 63, 12.483, 54.168

 93, 12.483, 54.168

 53, 12.483, 54.168

 43, 12.483, 54.168

 33, 12.483, 54.168

 23, 12.483, 54.168

 13, 12.483, 54.168

 3, 12.483, 54.168

 0, 12.483, 54.168

 73, 12.483, 54.168

 73, 12.483, 54.168

69, 19.594, 53.503

77, 5.864, 54.883

65, 27.231, 52.894

81, 0.307, 237.338

62, 35.406, 52.372

85, 6.078, 236.642

59, 44.080, 51.938

89, 11.495,
237.423

55, 53.116, 51.561

93, 15.054,
228.079

52, 62.167, 51.125

50, 70.475, 50.343

96, 17.772,
199.837

47, 77.155, 48.984

96, 18.079,
198.309

47, 77.497, 48.939

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73, 12.483, 54.168



74, 11.261, 237.691

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 12.483, 54.168



73, 12.483, 104.168



73, 12.483, 234.168



73, 12.483, 284.168

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73, 12.483, 54.180



97, 4.457, 55.099



70, 20.316, 337.064



51, 2.964, 55.061



0, 0.000, 0.000



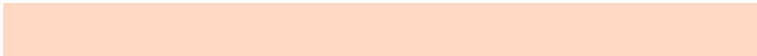
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 12.483, 54.180



89, 18.186, 53.914



78, 17.471, 100.158



40, 3.484, 54.891



39, 66.263, 49.470



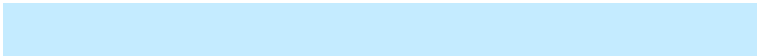
6, 13.396, 40.586

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74, 11.261, 237.691



91, 16.038, 238.174



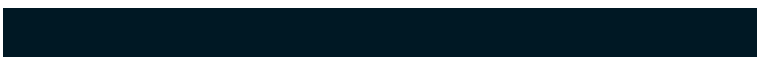
69, 17.937, 284.793



40, 3.328, 236.625



44, 36.907, 261.560



7, 11.668, 250.310

Previews

White Background



This preview shows how the CIELCh color 73, 12.483, 54.168 looks on a white background.

Color Contrast Check

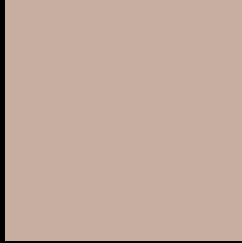
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 12.483, 54.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

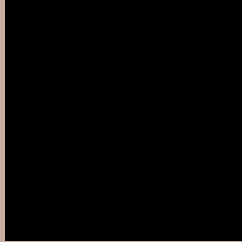
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 12.483, 54.168

Background



This preview shows how black text looks on a background with the CIELCh color 73, 12.483, 54.168.



This preview shows how white text looks on a background with the CIELCh color 73, 12.483, 54.168.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73, 12.483, 54.168

Protanopia

73, 9.053, 91.847

Deuteranopia

73, 13.580, 48.612



Tritanopia
73, 13.975, 350.475

Trichromacy



Original Color
73, 12.483, 54.168

Protanomaly
73, 9.788, 75.357

Deuteranomaly
73, 13.225, 49.426

Tritanomaly
73, 11.696, 9.785

Monochromacy



Original Color
73, 12.483, 54.168

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.350, 57.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 12.483, 54.168 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(200, 174, 161)` looks like.

```
.text, #text, p{  
    color:rgb(200, 174, 161)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(200, 174, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 174, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 12.483, 54.168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 174, 161) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(200, 174, 161) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(200, 174, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 174, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 174, 161);  
box-shadow:4px 4px 4px 4px rgb(200, 174,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 12.483, 54.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 174, 161) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(200,  
174, 161) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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